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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/229,704	01/13/1999	FRANCIS R. WALDMAN	1298/OE751	5569

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EXAMINER
TRAN, THIEN D

ART UNIT	PAPER NUMBER
2665	

DATE MAILED: 04/25/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/229,704	FRANSIC R. WALDMAN	
	Examiner	Art Unit	
	Thien D Tran	2665	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *13 January 1999* .

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-16* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☒ Claim(s) *3-8* is/are allowed.

6)☒ Claim(s) *1,2 and 7-16* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____ .

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .
4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other:

DETAILED ACTION

Claim Objections

1. Claim 3 is objected to because of the following informalities: "generating at the at least..." is not correct. Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 1, 2, 9-16 are rejected under 35 U.S.C. 102(e) as being participated by Choudhury et al (U.S Patent No 5,933,412).

Regarding claims 1, 9, Choudhury discloses a method for interconnecting a domain system 1 (calling party asynchronous transfer mode system) having a calling party host A and a domain system 2 (called party asynchronous transfer mode system)

having a called party host C using other domain (an intermediate switching asynchronous transfer mode network) and a switch 1K (border node) associated with each asynchronous transfer mode system comprising (figure.2, col.6 lines 5-55):

routing a call from said calling party host to the called party host over the intermediate switching asynchronous transfer mode network based on an ATM domain addressing scheme (intermediate switching ATM network addressing scheme) that is recognized by switch 1k (border node) and independent of an addressing scheme of the asynchronous transfer mode systems (figure.2, col.3 lines 55-65).

Regarding claims 2, 15, 16, Choudhury discloses a method comprising:

Translating VPI/VCI from switch to switch, which can be translated from switch SW1k to an intermediate network then to SW21 (substituting at the border node of the calling party asynchronous transfer mode system in a called party address information element an intermediate switching asynchronous transfer mode network address of the border node of the called party asynchronous transfer mode system) for the asynchronous transfer mode system address of the called party host (col.5 lines 50-65); and

routing the call over the intermediate switching asynchronous transfer mode network from the switch 1k (border node) of the calling party asynchronous transfer mode system to the switch 21 (border node) of the called party asynchronous transfer mode system based on the intermediate switching asynchronous transfer mode network address in the called party address information element (figure.2).

Regarding claim 10, Choudhury discloses that switch border nodes are asynchronous transfer mode switches (figure.2).

Regarding claims 11, 13, Choudhury discloses that calling party asynchronous transfer mode system comprises a calling party host directly connected to calling party border node (col.6 lines 5-20).

Regarding claims 12, 14, Choudhury discloses a calling party asynchronous transfer mode system comprises:

a calling party host; and

at least one calling party non-border node connected between said calling party host and said calling party border node (figure.2).

Allowable Subject Matter

4. Claims 3-8 are allowed.

Regarding claims 3-8, the prior art fails to disclose a method for interconnecting a calling party asynchronous transfer mode system to a called party asynchronous transfer mode system by way of a calling party border node, an intermediate switching asynchronous transfer mode network having an intermediate asynchronous transfer mode network addressing scheme, and a called party border node, the calling party asynchronous transfer mode system having a calling party host connected to the calling party border node by at least one calling party non-border node, the called party asynchronous transfer mode system having a called party host connected to the called party border node by at least one called party non-border node, the calling and called

party hosts having an asynchronous transfer mode system addressing scheme independent of the intermediate switching asynchronous transfer mode network addressing scheme, comprising:

generating at least one calling party non-border node a SETUP message specifying in a called party subaddress information element the asynchronous transfer mode system address of the called party host from the called party address information element;

substituting at the calling party border node in the called party address element the intermediate switching asynchronous transfer mode network address of the called party border node for the asynchronous transfer mode system address of the called party host;

generating at the called party border node a SETUP message specifying in the called party address information element the asynchronous transfer mode system address of the called party host from the called party subaddress information element;

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

-Rochberger et al (US Patent No. 6,208,623 B1) discloses method of combining PNNI and E-IISP in an asynchronous transfer mode network.

-Chen et al (US Patent No. 5,831,975) discloses system and method for hierarchical multicast routing in ATM networks.

-Soncodi (US Patent No. 6,272,139 B1) discloses signaling protocol for rerouting ATM connections in PNNI enrironments.

6. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Thien Tran whose telephone number is (703) 308-4388. The examiner can normally be reached on Monday-Friday from 8:30AM to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu, can be reached on (703) 308-6602. Any inquiry of a general nature of relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Thien Tran

ALPUS H. HSU
PRIMARY EXAMINER